

**MISSISSIPPI
WEATHER
&
CROP
REPORT
1973-1982**

MISSISSIPPI CROP AND LIVESTOCK REPORTING SERVICE

MISSISSIPPI
WEATHER AND CROP REPORT
1973-1982

MISSISSIPPI CROP AND LIVESTOCK REPORTING SERVICE
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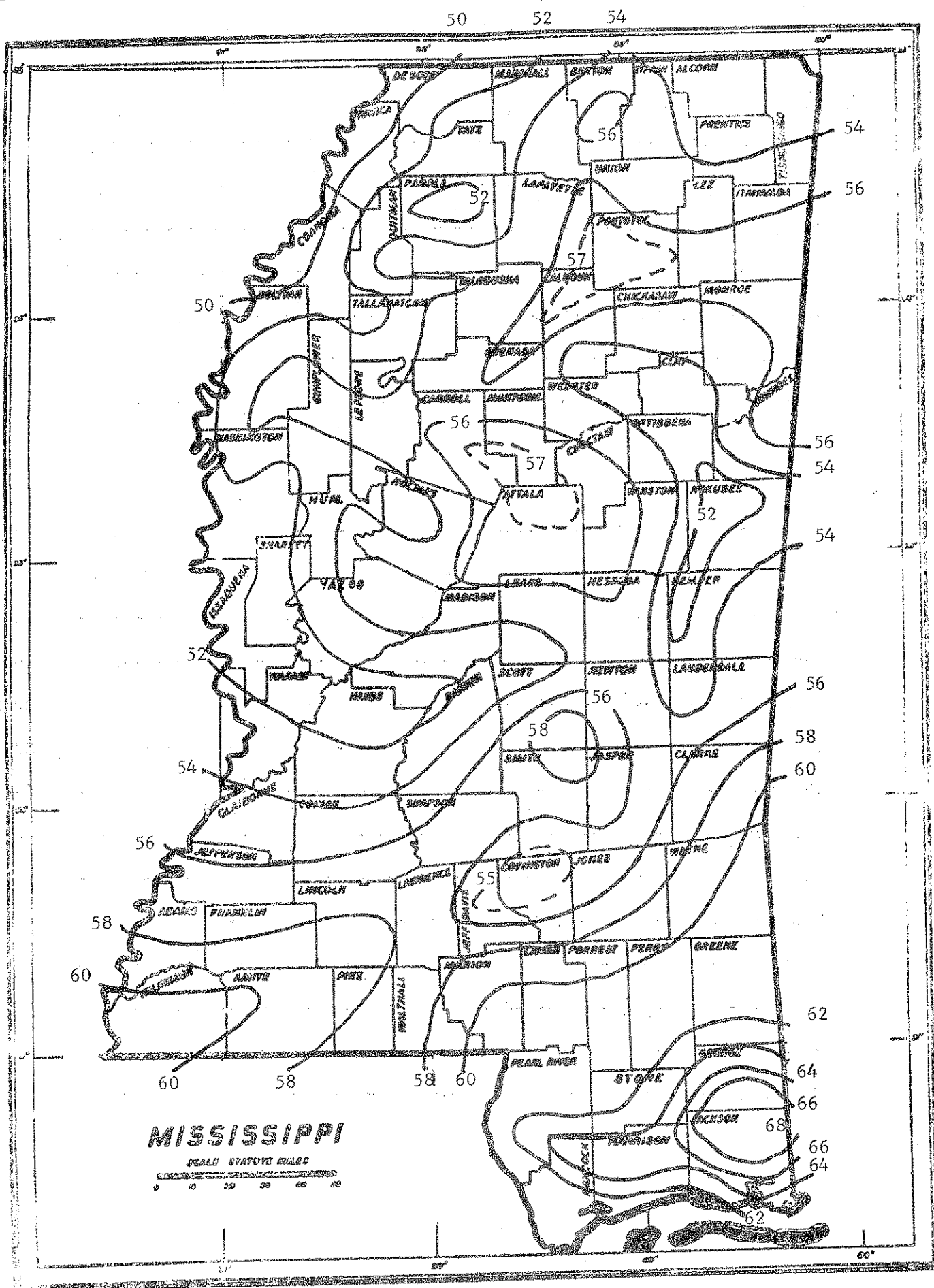
THE MISSISSIPPI COOPERATIVE
EXTENSION SERVICE
DR. J. R. CARPENTER, DIRECTOR

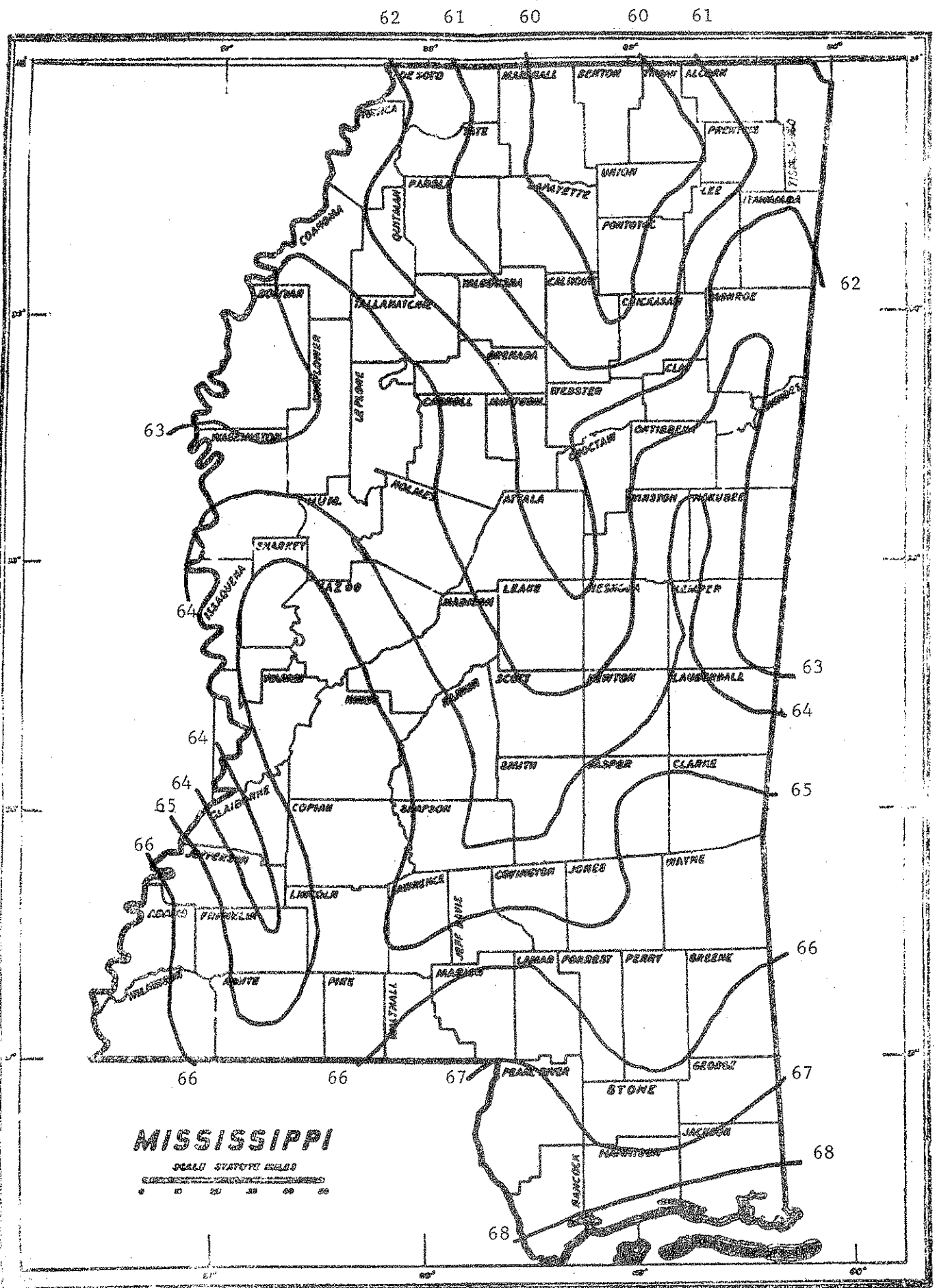
U. S. DEPARTMENT OF COMMERCE
NATIONAL WEATHER SERVICE
TICE WAGNER III, METEOROLOGIST IN CHARGE

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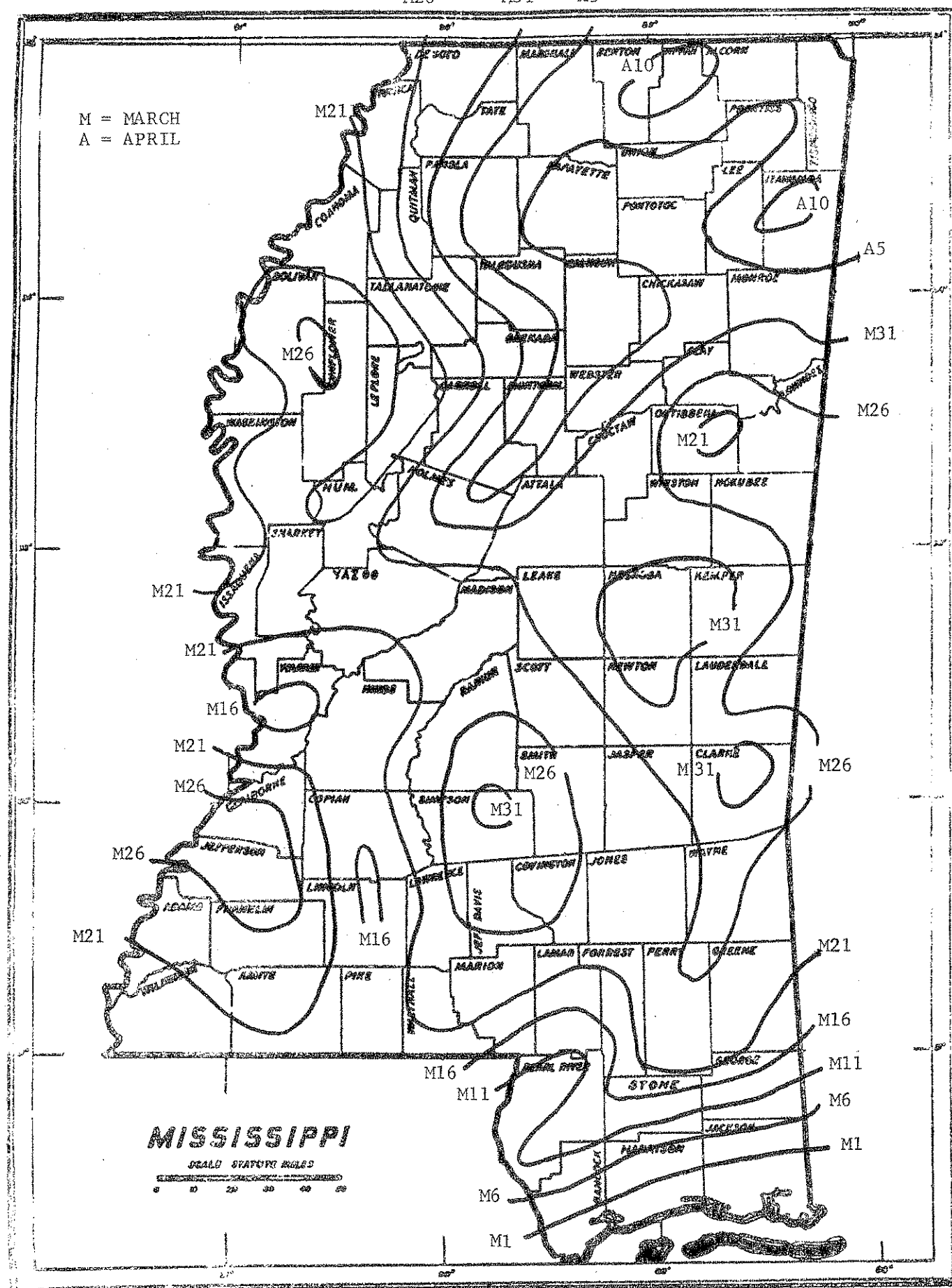
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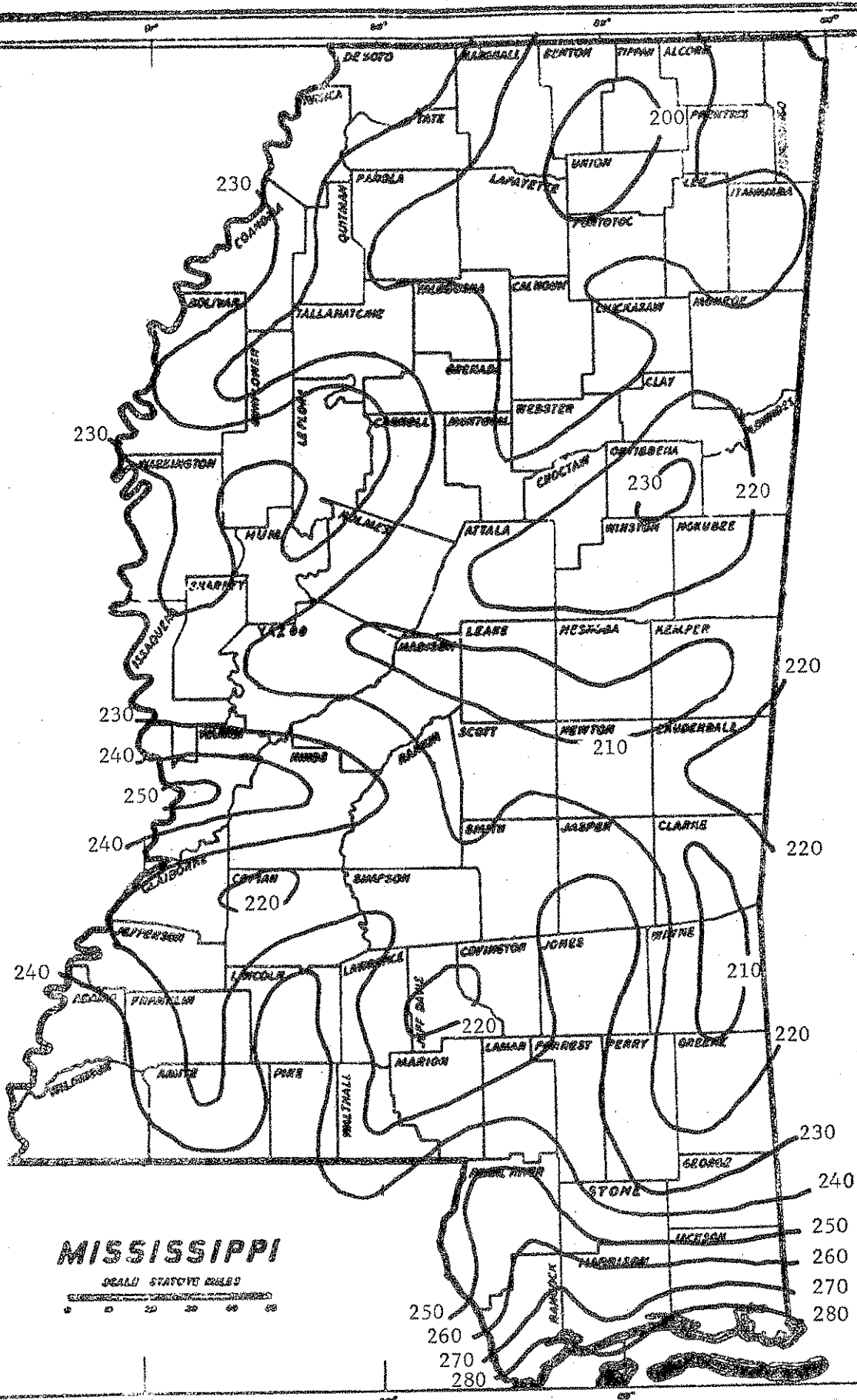
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Average Length of Freeze-free Season (Days) 1954-1978

220 210

210



SOME MISSISSIPPI WEATHER EXTREMES

TUNICA AND MT. PLEASANT RECORDED 18 INCHES OF SNOW IN DECEMBER 1963.

A TORNADO KILLED 317 PEOPLE IN NATCHEZ IN 1840.

ON AUGUST 17, 1969, BILOXI RECORDED A WIND GUST OF 129 MPH DURING HURRICANE CAMILLE. (NOTE: Accurate wind measurements are almost impossible to obtain in a hurricane of Camille's intensity. Based on reconnaissance flight level winds and measured surface pressure, maximum winds were calculated (but not accurately measured) at 175 knots (201.5 MPH) close to the center of Camille, early on the afternoon of August 17, 1969.)

HURRICANE CAMILLE KILLED 135 PEOPLE AND DID \$977,000,000 DAMAGE IN AUGUST 1969. OVER 16,000 HOMES WERE DAMAGED OR DESTROYED. INCLUDES MAJOR DAMAGE ONLY.

THE HOTTEST TEMPERATURE EVER RECORDED ... 115 DEGREES AT HOLLY SPRINGS
ON JULY 29, 1930

THE COLDEST TEMPERATURE EVER RECORDED ... 19 DEGREES BELOW ZERO AT CORINTH
ON JANUARY 30, 1966

GREATEST YEARLY RAINFALL ... 114.86 INCHES AT A JACKSON COUNTY FIRE TOWER IN 1973

LEAST YEARLY RAINFALL ... 24.96 INCHES AT ENID DAM IN 1943

GREATEST MONTHLY RAINFALL ... 30.75 INCHES AT MERRILL IN JULY 1916

GREATEST 24 HOUR RAINFALL ... 15.68 INCHES AT COLUMBUS ON JULY 9, 1968

GREATEST 1 HOUR RAINFALL ... 4.46 INCHES AT JACKSON ON APRIL 11, 1979

GREATEST 15 MINUTE RAINFALL ... 2.00 INCHES AT JACKSON ON MARCH 3, 1964

GREATEST 10 MINUTE RAINFALL ... 1.54 INCHES AT JACKSON ON MARCH 3, 1964

GREATEST 5 MINUTE RAINFALL 0.83 INCH AT VICKSBURG ON APRIL 12, 1909

MOST DESTRUCTIVE HAILSTORM ... FORREST COUNTY ON MAY 7, 1975, TOTAL DAMAGE
WAS AROUND \$7,000,000

THE FLOODING IN SOUTH MISSISSIPPI IN APRIL 1974 RANKS AS ONE OF THE WORST. THERE WERE 9 DEATHS, 9 INJURIES, AND OVER \$60,000,000 DAMAGE TO PROPERTY AND AN UNKNOWN AMOUNT OF DAMAGE TO CROPS.

COLDEST WINTER 1977-1978

HOTTEST SUMMER 1930

AVERAGE DAYS SUITABLE FOR FIELDWORK, MISSISSIPPI, 1978 - 1982

| AVERAGE DAYS SUITABLE FOR FIELDWORK, MISSISSIPPI, 1978 - 1982 | | | | | | | | | | | | | | |
|---|--------|------|------|------|------|------|--------|--------|------|------|------|------|------|-----|
| Week | 1978 | 1979 | 1980 | 1981 | 1982 | 5-Yr | Week | 1978 | 1979 | 1980 | 1981 | 1982 | 5-Yr | |
| Ending | L | L | L | L | | Avg. | Ending | L | L | L | L | | Avg. | |
| Jan. 3 | 1.9 | 0.5 | 3.0 | 5.6 | 1.3 | 2.5 | July 4 | 6.1 | 6.3 | 6.0 | 3.6 | 3.0 | 5.0 | |
| | 10 | 0.6 | 0.8 | 1.6 | 2.8 | 3.0 | | 11 | 5.7 | 1.7 | 6.3 | 4.1 | 5.1 | 4.6 |
| | 17 | 0.1 | 0.6 | 1.3 | 4.0 | 0.1 | | 1.2 | 18 | 6.0 | 2.6 | 6.0 | 6.1 | 4.8 |
| | 24 | 0.2 | 0.5 | 1.7 | 3.5 | 1.2 | 1.4 | 25 | 5.2 | 1.3 | 3.7 | 6.0 | 5.0 | 4.2 |
| | 31 | 0.1 | 0.3 | 1.3 | 5.0 | 2.0 | 1.7 | Aug. 1 | 6.1 | 3.3 | 5.6 | 5.9 | 4.8 | 5.1 |
| Feb. 7 | 1.1 | 0.3 | 1.5 | 3.0 | 1.0 | 1.4 | 8 | | 4.9 | 4.9 | 6.2 | 6.1 | 4.7 | 5.4 |
| | 14 | 1.8 | 2.5 | 1.3 | 1.0 | 1.1 | 1.5 | 15 | 5.8 | 5.5 | 6.1 | 6.4 | 3.8 | 5.5 |
| | 21 | 2.9 | 1.6 | 2.0 | 2.0 | 1.0 | 1.9 | 22 | 6.1 | 4.6 | 6.3 | 4.9 | 3.7 | 5.1 |
| | 28 | 1.8 | 0.6 | 4.6 | 5.3 | 3.0 | 3.1 | 29 | 4.5 | 4.7 | 6.1 | 6.0 | 5.8 | 5.4 |
| | Mar. 7 | 1.0 | 1.3 | 2.6 | 2.3 | 2.4 | 1.9 | Sep. 5 | 6.1 | 5.2 | 5.9 | 2.4 | 6.0 | 5.1 |
| 14 | | 2.0 | 2.9 | 1.6 | 5.0 | 3.9 | 3.1 | | 12 | 3.7 | 4.1 | 6.3 | 6.0 | 5.9 |
| 21 | | 4.0 | 3.6 | 0.2 | 4.8 | 3.9 | 3.3 | 19 | 5.8 | 1.9 | 6.0 | 4.0 | 4.8 | 4.5 |
| 28 | | 5.7 | 3.7 | 0.2 | 4.5 | 3.1 | 3.4 | 26 | 4.6 | 5.0 | 5.3 | 6.2 | 5.8 | 5.4 |
| Apr. 4 | | 6.1 | 1.2 | 0.8 | 2.3 | 3.6 | 2.8 | Oct. 3 | 5.6 | 5.3 | 3.2 | 6.4 | 6.5 | 5.4 |
| | 11 | 2.9 | 1.2 | 3.2 | 4.6 | 2.4 | 2.9 | | 10 | 5.8 | 5.4 | 6.2 | 4.4 | 3.4 |
| | 18 | 4.1 | 3.7 | 2.0 | 6.0 | 4.0 | 4.0 | 17 | 6.2 | 6.1 | 5.0 | 4.4 | 2.9 | 4.9 |
| | 25 | 5.0 | 0.9 | 4.6 | 5.8 | 1.0 | 3.5 | 24 | 6.0 | 3.3 | 4.4 | 4.5 | 4.9 | 4.6 |
| | May 2 | 0.9 | 3.0 | 2.9 | 6.0 | 2.2 | 3.0 | 31 | 6.4 | 5.3 | 2.6 | 3.7 | 3.7 | 4.3 |
| 9 | | 0.8 | 3.4 | 4.9 | 5.7 | 5.0 | 4.0 | Nov. 7 | 5.4 | 5.0 | 5.9 | 4.0 | 4.5 | 5.0 |
| 16 | | 2.5 | 5.0 | 3.7 | 4.9 | 6.0 | 4.4 | | 14 | 4.3 | 5.0 | 5.4 | 5.9 | 4.8 |
| 23 | | 5.2 | 4.5 | 1.0 | 3.6 | 5.9 | 4.0 | 21 | 4.0 | 2.7 | 3.3 | 5.7 | 2.8 | 3.7 |
| 30 | | 4.3 | 1.6 | 4.6 | 2.9 | 3.8 | 3.4 | 28 | 2.0 | 2.0 | 1.1 | 5.0 | 1.3 | 2.3 |
| June 6 | 2.0 | 2.6 | 6.2 | 2.0 | 5.0 | 3.6 | Dec. 5 | 1.7 | 4.1 | 4.7 | 3.9 | 0.5 | 3.0 | |
| | 13 | 5.3 | 5.8 | 6.2 | 3.0 | 6.0 | | 5.3 | 12 | 3.3 | 2.5 | 2.7 | 5.7 | 1.4 |
| | 20 | 4.9 | 5.7 | 5.3 | 5.9 | 3.9 | 5.1 | 19 | 1.6 | 2.9 | 5.0 | 1.8 | 1.5 | 2.6 |
| | 27 | 6.1 | 5.5 | 2.9 | 5.7 | 5.3 | 5.1 | 26 | 1.7 | 3.0 | 3.0 | 0.3 | 2.0 | 2.0 |

¹/₂ Data for week most comparable to 1982 data.

PLOWING: APPROXIMATE PERCENT COMPLETED BY SPECIFIED DATES, MISSISSIPPI, 1973-1982

| Date | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Av- erage |
|---------|------|------|------|------|------|------|------|------|------|------|--------------|
| Feb. 20 | 8 | -- | -- | 17 | 22 | 11 | -- | -- | -- | -- | 17 |
| 28 | 13 | 10 | -- | 26 | 35 | 14 | -- | -- | -- | -- | 20 |
| Mar. 10 | 19 | 27 | 10 | 40 | 39 | 20 | 24 | 20 | 46 | 21 | 27 |
| 20 | 19 | 47 | 19 | 44 | 46 | 25 | 33 | 24 | 56 | 31 | 34 |
| 30 | 23 | 54 | 27 | 49 | 57 | 42 | 43 | 25 | 66 | 42 | 43 |
| Apr. 10 | 30 | -- | 37 | 59 | 65 | 71 | 46 | 30 | 77 | 54 | 52 |
| 20 | 33 | -- | 46 | 79 | 77 | 80 | 54 | 37 | 86 | 60 | 61 |

(--) Not asked.

1982 CROP SUMMARY

JANUARY: Soil moisture was adequate early in the month and was adequate to surplus by the end of the month. Temperatures were near normal early in the month but were well below normal by mid-month. Sleet and snow January 11 and 12, along with bitterly cold temperatures, resulted in some of the worst winter weather in years. Temperatures were 15° below normal along the coast to 25° below normal else where. The lowest reading was -5°. By the end of the month temperatures were above normal. Winter wheat was in good condition at the beginning of the month and was in fair condition at month's end. Pastures were in fair condition and livestock were in good to fair condition at the start of the month and were in fair condition at the end of the month. Hay and roughage and feed grain supplies were adequate throughout the month.

FEBRUARY: Soil moisture was adequate to surplus at the beginning of the month. Rains during the month resulted in a surplus soil moisture situation by the end of the month. Temperatures the first half of the month were below normal. Above normal temperatures were recorded the last half of the month with record highs reported in several locations. Winter wheat, pastures and livestock were in mostly fair condition throughout the month. Hay and roughage and feed grain supplies were adequate.

MARCH: Soil moisture during the month was adequate to surplus. Rains during the month slowed land preparation for spring planting. Plowing was 38 percent completed compared with the average of 45 percent. By the end of the month corn was 29 percent planted, watermelons were 38 percent and rice planting was just underway. Winter wheat was in good condition with 60 percent jointed by the end of the month. Hay and roughage and feed grain supplies were adequate. Pasture and livestock were rated as fair to good.

APRIL: Soil moisture was adequate to surplus statewide during the month with some areas in the north rated as surplus to excessive. Temperatures were below normal the last half of the month. This combination resulted in spring planting being well behind the average. By the end of the month rice was 40 percent planted with 20 percent up to a stand. Cotton was 17 percent planted---well behind the average for this date. Corn was 63 percent planted and 45 percent up to a stand. Watermelon planting was 78 percent completed and peanuts were 11 percent planted. Winter wheat was 85 percent headed and in fair to good condition. Pastures and livestock were in good to fair condition.

MAY: Soil moisture during the month was adequate to surplus in the northern area of the state and adequate to short in the southern area. Temperatures early in the month were generally below normal. By the end of the month temperatures were 1 to 5 degrees above normal. Planting moved at a rapid pace and by the end of the month was virtually completed for cotton, rice, corn and peanuts. Soybean planting was 48 percent completed with 25 percent up to a stand by month's end. Sorghum planting was 64 percent completed and sweetpotatoes were 61 percent planted by the end of May. Winter wheat harvest was 5 percent completed and hay was 29 percent harvested by the end of the month. Most crops were in good to fair condition.

JUNE: Soil moisture the first of the month ranged from short in the southern part of the state to adequate to surplus in the northeast. At the end of the month soil moisture was adequate in the south and surplus to adequate elsewhere. Temperatures were near normal for the first half of the month and were slightly below normal during the last half. Soybean planting on June 30 was 93 percent completed with 84 percent up to a stand. Cotton was 84 percent squaring and 19 percent blooming; corn was 61 percent silked and sorghum was 96 percent planted. Winter wheat was 96 percent harvested; watermelons 12 percent; peaches 33 percent and hay was 51 percent harvested. Crops were generally in good to fair condition.

JULY: Temperatures were near normal except for the last week of the month and were only slightly below normal then. Soil moisture was generally adequate throughout the month. Crops were in good condition during the month. By the end of the month soybeans were 65 percent blooming with 25 percent podding. Rice was 35 percent headed and 82 percent of the cotton acreage was setting bolls. Sorghum was 71 percent headed and corn was 28 percent mature. By July 31 hay harvest was 72 percent completed; watermelons 83 percent; corn silage 38 percent and peaches 80 percent harvested.

AUGUST: Soil moisture was adequate the first of the month, adequate to surplus at mid-month and adequate to short by August 31. Temperatures were below normal until the last week of the month when near normal to slightly above normal temperatures prevailed. By August 31, 36 percent of the cotton acreage had open bolls. Soybeans were 83 percent setting pods. Rice was 26 percent mature and 5 percent harvested; corn 60 percent mature and 18 percent harvested and sorghum 34 percent mature and 8 percent harvested. Hay harvest was 85 percent completed; sorghum silage 60 percent; corn silage 80 percent; sweetpotatoes 12 percent and peanuts 15 percent harvested. Crops continued in generally good condition.

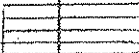



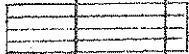





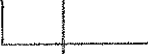
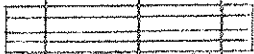
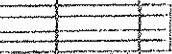


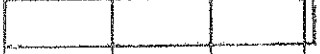

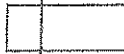

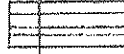

SEPTEMBER: Temperatures varied from below normal to above normal until mid-month when above normal temperatures were general statewide. The last part of the month resulted in below normal temperatures. The month started with soil moisture adequate in the north, adequate to short in the central area and short in the south. Heavy rain and high wind as a result of tropical storm Chris about mid-month resulted in some crop damage. This improved the soil moisture situation in the north but by the end of the month moisture was short to adequate in the north and very short to short in the south. By September 30 cotton was 18 percent harvested; soybeans 7 percent; rice 53 percent; corn 73 percent; sorghum 59 percent; sweetpotatoes 45 percent; peanuts 55 percent and hay 94 percent harvested. Crops were mostly in good to fair condition.

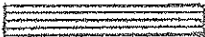

OCTOBER: Soil moisture was generally adequate over the northern part of the state during the month and continued short to very short over much of the southern area. Temperatures were above normal the first part of the month but were below normal the last three weeks of the month. By October 31 cotton was 74 percent harvested; soybeans 49 percent; rice 94 percent; corn 93 percent; peanuts 94 percent; sweetpotatoes 86 percent and pecans 32 percent harvested. Planting of winter wheat was 32 percent completed.

NOVEMBER: Temperatures were below normal early in the month and above normal from about mid-month until November 30. Soil moisture continued adequate in the north and short in the south until mid-month. Rains starting about mid-month slowed crop harvest and winter wheat seeding. At the end of the month soil moisture was rated as surplus statewide. Crop harvest by November 30 was -- cotton 94 percent; soybeans 87 percent and pecans 78 percent. Harvest of other crops had been completed earlier in the month. Winter wheat seeding was 82 percent completed by month's end.

DECEMBER: Rains continued during the month with soil moisture rated surplus to excessive throughout the month. Final harvest of cotton and soybeans was very slow with heavy weather damage of the unharvested crop. Flooding late in the month prevented some acreage from being harvested. Winter wheat seeding made slow progress and some of the acreage intended for wheat was not seeded. Feed grain and hay and roughage supplies were adequate.

MISSISSIPPI CROP CALENDAR

| CROP | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|----------|------|------|---|---|---|---|------|------|---|---|---|------|
| COTTON | | | |  |  | | | |  |  | | |
| SOYBEANS | | | | |  |  | | |  |  | | |
| RICE | | | |  |  | | | |  | | | |
| CORN | | |  |  |  |  | | |  |  | | |
| WHEAT | | | | |  |  | | |  |  | | |

Average dates that 5-95% of the crop is planted  or harvested 

SOYBEANS

Soybeans continue to be Mississippi's major cash crop and were planted on more of the state's cropland than any other crop. During 1981 approximately 3,600,000 acres of soybeans were harvested producing 75,600,000 bushels. In 1982, 3,600,000 acres of soybeans were harvested with a production of 93,600,000 bushels. Mississippi ranked 8th in the nation in production in 1982. Cash receipts for 1981 totaled \$467,159,000. ^{1/}

| SOYBEANS: APPROXIMATE PERCENT OF STATE ACREAGE IN OR PAST DESIGNATED STAGE, 1982 | | | | | | |
|--|---------|-------------|----------|---------|----------|------------|
| Date | Planted | Up To Stand | Blooming | Podding | Shedding | Har-vested |
| May 10 | 5 | | | | | |
| 20 | 27 | 8 | | | | |
| 30 | 48 | 25 | | | | |
| June 10 | 70 | 46 | | | | |
| 20 | 84 | 67 | | | | |
| 30 | 93 | 84 | | | | |
| July 10 | 97 | | 3 | | | |
| 20 | | | 33 | 7 | | |
| 30 | | | 60 | 22 | | |
| Aug. 10 | | | 83 | 42 | | |
| 20 | | | 94 | 60 | | |
| 30 | | | 98 | 85 | | |
| Sept. 10 | | | | 96 | 5 | |
| 20 | | | | | 32 | 1 |
| 30 | | | | | 71 | 7 |
| Oct. 10 | | | | | 89 | 17 |
| 20 | | | | | 100 | 25 |
| 30 | | | | | | 46 |
| Nov. 10 | | | | | | 71 |
| 20 | | | | | | 83 |
| 30 | | | | | | 87 |
| Dec. 10 | | | | | | 90 |
| 20 | | | | | | 92 |

^{1/} Cash receipts not yet available for the 1982 crop.

SOYBEANS: APPROXIMATE PERCENT OF STATE ACREAGE PLANTED BY SPECIFIED DATES,
MISSISSIPPI, 1973-1982

| Date | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|---------|------|------|------|------|------|------|------|------|------|------|------|
| Apr. 30 | -- | -- | 1 | -- | 3 | 3 | 1 | -- | 3 | 0 | 2 |
| May 10 | 1 | 6 | 3 | 11 | 21 | 4 | 4 | 6 | 12 | 5 | 7 |
| 20 | 5 | 29 | 8 | 35 | 49 | 12 | 15 | 22 | 30 | 27 | 23 |
| 30 | 21 | 41 | 24 | 61 | 60 | 42 | 35 | 38 | 44 | 48 | 41 |
| June 10 | 57 | 46 | 53 | 80 | 72 | 67 | 47 | 69 | 60 | 70 | 62 |
| 20 | 75 | 48 | 68 | 90 | 80 | 83 | 80 | 82 | 81 | 84 | 77 |
| 30 | 86 | 66 | 87 | 96 | 91 | 94 | 95 | 89 | 94 | 93 | 89 |
| July 10 | 96 | 85 | 95 | 99 | 95 | 98 | 98 | 99 | 97 | 97 | 96 |

(--) Not asked

SOYBEANS: APPROXIMATE PERCENT OF STATE ACREAGE BLOOMING BY SPECIFIED DATES,
MISSISSIPPI, 1973-1982

| Date | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|---------|------|------|------|------|------|------|------|------|------|------|------|
| July 20 | -- | 11 | 14 | 25 | 44 | 34 | 26 | 34 | 44 | 33 | 29 |
| 30 | -- | 31 | 34 | 58 | 72 | 59 | 48 | 60 | 67 | 60 | 54 |
| Aug. 10 | -- | 53 | 58 | 85 | 87 | 80 | 78 | 81 | 85 | 83 | 77 |
| 20 | -- | -- | 79 | 94 | 95 | 94 | 95 | 90 | 91 | 94 | 92 |

(--) Not asked.

SOYBEANS: APPROXIMATE PERCENT OF STATE ACREAGE PODDING BY SPECIFIED DATES,
MISSISSIPPI, 1978-1982

| Date | 1978 | 1979 | 1980 | 1981 | 1982 | 5 yr Avg. |
|----------|------|------|------|------|------|--------------|
| July 20 | -- | -- | 6 | 11 | 7 | 8 |
| 30 | 18 | 16 | 21 | 25 | 22 | 20 |
| Aug. 10 | 38 | 37 | 46 | 42 | 42 | 41 |
| 20 | 65 | 58 | 61 | 60 | 60 | 61 |
| 30 | 86 | 83 | 86 | 90 | 85 | 86 |
| Sept. 10 | -- | 97 | 93 | 98 | 96 | 96 |

(--) Not asked.

SOYBEANS: APPROXIMATE PERCENT OF STATE ACREAGE SHEDDING BY SPECIFIED DATES,
MISSISSIPPI, 1978-1982

| Date | 1978 | 1979 | 1980 | 1981 | 1982 | 5 yr Avg. |
|----------|------|------|------|------|------|--------------|
| Aug. 30 | 2 | 1 | 3 | 5 | -- | 3 |
| Sept. 10 | 13 | 9 | 10 | 20 | 5 | 11 |
| 20 | 51 | 34 | 50 | 45 | 32 | 42 |
| 30 | 66 | 60 | 71 | 74 | 71 | 68 |
| Oct. 10 | 88 | 80 | 84 | 87 | 89 | 86 |
| 20 | 98 | 97 | 93 | 95 | 100 | 97 |

(--) Not asked.

SOYBEANS: APPROXIMATE PERCENT OF STATE ACREAGE HARVESTED BY SPECIFIED DATES,
MISSISSIPPI, 1973-1982

| Date | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|----------|------|------|------|------|------|------|------|------|------|------|------|
| Sept. 20 | 1 | 3 | 1 | 1 | 4 | 3 | 1 | 3 | 4 | 1 | 2 |
| 30 | 4 | 5 | 4 | 6 | 12 | 12 | 4 | 9 | 8 | 7 | 7 |
| Oct. 10 | 12 | 11 | 11 | 18 | 23 | 21 | 12 | 20 | 17 | 17 | 16 |
| 20 | 20 | 18 | 23 | 35 | 37 | 39 | 32 | 36 | 29 | 25 | 29 |
| 30 | 41 | 34 | 41 | 56 | 54 | 66 | 49 | 48 | 46 | 46 | 48 |
| Nov. 10 | 57 | 58 | 55 | 76 | 68 | 86 | 70 | 70 | 68 | 71 | 68 |
| 20 | 73 | 70 | 75 | 87 | 80 | 95 | 87 | 86 | 88 | 83 | 82 |
| 30 | 83 | 80 | 86 | 95 | 83 | 98 | 94 | 91 | 98 | 87 | 90 |
| Dec. 10 | 92 | 89 | 92 | 98 | 85 | 99 | 98 | 96 | 100 | 90 | 94 |
| 20 | 97 | 94 | 97 | 99 | 92 | 100 | 100 | 100 | 100 | 92 | 97 |
| 30 | 100 | 95 | 98 | 100 | 96 | 100 | 100 | 100 | 100 | 94 | 98 |

COTTON

Cotton ranks as the first major cash crop in the state in 1981. There were 1,200,000 acres of cotton harvested in Mississippi during 1981, producing 1,565,000 bales. In 1982 an estimated 1,040,000 acres of cotton were harvested in Mississippi with a production of 1,760,000 bales. Mississippi ranked 3rd in the nation in cotton production for 1982. Cash receipts in 1981 in Mississippi were \$509,180,000 from cotton lint and \$45,812,000 from cottonseed. ^{1/}

| COTTON: APPROXIMATE PERCENT OF STATE ACREAGE IN OR PAST DESIGNATED STAGE, 1982 | | | | | | | |
|--|---------|-------------|----------|----------|---------------|------------|-----------|
| Date | Planted | Up To Stand | Squaring | Blooming | Setting Bolls | Open Bolls | Harvested |
| Apr. 20 | 1 | | | | | | |
| 30 | 17 | 2 | | | | | |
| May 10 | 60 | 24 | | | | | |
| 20 | 94 | 64 | | | | | |
| 30 | 99 | 94 | | | | | |
| June 10 | | | 21 | | | | |
| 20 | | | 60 | | | | |
| 30 | | | 84 | 19 | | | |
| July 10 | | | 97 | 53 | 29 | | |
| 20 | | | | 86 | 49 | | |
| 30 | | | | 98 | 79 | | |
| Aug. 10 | | | | | 97 | | |
| 20 | | | | | 99 | | |
| 30 | | | | | | 40 | |
| Sept. 10 | | | | | | 85 | 1 |
| 20 | | | | | | 97 | 5 |
| 30 | | | | | | 100 | 18 |
| Oct. 10 | | | | | | | 43 |
| 20 | | | | | | | 57 |
| 30 | | | | | | | 73 |
| Nov. 10 | | | | | | | 88 |
| 20 | | | | | | | 92 |
| 30 | | | | | | | 94 |
| Dec. 10 | | | | | | | 95 |
| 20 | | | | | | | 97 |

^{1/} Cash receipts not yet available for 1982 crop.

COTTON: APPROXIMATE PERCENT OF STATE ACREAGE PLANTED BY SPECIFIED DATES,
MISSISSIPPI, 1973-1982

| Date | | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|------|----|------|------|------|------|------|------|------|------|------|------|------|
| Apr. | 20 | 0 | 3 | 1 | 22 | 11 | 10 | 2 | 2 | 23 | 1 | 8 |
| | 30 | 4 | 29 | 14 | 55 | 35 | 45 | 9 | 21 | 67 | 17 | 30 |
| May | 10 | 21 | 78 | 24 | 81 | 83 | 54 | 30 | 66 | 90 | 60 | 59 |
| | 20 | 56 | 94 | 56 | 94 | 97 | 78 | 80 | 88 | 95 | 94 | 83 |
| | 30 | 95 | 97 | 90 | 98 | 99 | 98 | 98 | 97 | 98 | 99 | 97 |

COTTON: APPROXIMATE PERCENT OF STATE ACREAGE UP TO STAND BY SPECIFIED DATES,
MISSISSIPPI, 1973-1982

| Date | | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|------|----|------|------|------|------|------|------|------|------|------|------|------|
| Apr. | 30 | -- | 7 | 2 | 9 | 12 | 7 | 4 | 1 | 35 | 2 | 9 |
| May | 10 | 6 | 46 | 12 | 31 | 53 | 28 | 10 | 20 | 70 | 24 | 30 |
| | 20 | 22 | 77 | 32 | 60 | 84 | 45 | 42 | 60 | 80 | 64 | 57 |
| | 30 | 62 | 90 | 68 | 83 | 96 | 84 | 83 | 83 | 93 | 94 | 84 |

(--) Not asked.

COTTON: APPROXIMATE PERCENT OF STATE ACREAGE IN OR PAST SQUARING STAGE BY SPECIFIED DATES
MISSISSIPPI, 1973-1982

| Date | | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|------|----|------|------|------|------|------|------|------|------|------|------|------|
| May | 30 | 0 | 0 | 0 | 0 | 9 | 0 | -- | -- | 1 | 1 | 1 |
| June | 10 | 3 | 6 | 3 | 2 | 34 | 5 | 2 | 6 | 22 | 21 | 10 |
| | 20 | 12 | 34 | 10 | 10 | 71 | 32 | 27 | 25 | 65 | 60 | 35 |
| | 30 | 35 | 62 | 45 | 36 | 88 | 72 | 66 | 69 | 89 | 84 | 65 |
| July | 10 | 65 | 77 | 59 | 73 | 95 | 90 | 84 | 94 | 96 | 97 | 83 |
| | 20 | 84 | 92 | 75 | 91 | 98 | 98 | 95 | 97 | 100 | -- | 92 |
| | 30 | 96 | 98 | 95 | 97 | 100 | 100 | 98 | 99 | 100 | -- | 98 |

(--) Not asked.

18 COTTON: APPROXIMATE PERCENT OF STATE ACREAGE BLOOMING BY SPECIFIED DATES,
MISSISSIPPI, 1975-1982

| Date | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 5 yr Avg. |
|---------|------|------|------|------|------|------|------|------|--------------|
| June 20 | 0 | 0 | 13 | 1 | 0 | 0 | 5 | 3 | 2 |
| 30 | 6 | 2 | 54 | 9 | 7 | 8 | 38 | 19 | 16 |
| July 10 | 26 | 18 | 82 | 55 | 28 | 52 | 68 | 53 | 51 |
| 20 | 46 | 49 | 91 | 87 | 60 | 83 | 86 | 86 | 80 |
| 30 | 75 | 76 | 98 | 96 | 86 | 95 | 96 | 98 | 94 |
| Aug. 10 | -- | 98 | 100 | 100 | 99 | 100 | 100 | -- | 100 |

(--) Not asked.

COTTON: APPROXIMATE PERCENT OF STATE ACREAGE SETTING BOLLS BY SPECIFIED DATES,
MISSISSIPPI, 1973-1982

| Date | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|---------|------|------|------|------|------|------|------|------|------|------|------|
| June 20 | -- | -- | -- | -- | 4 | 0 | -- | -- | -- | -- | 2 |
| 30 | -- | 8 | -- | -- | 22 | 1 | -- | -- | 11 | 3 | 9 |
| July 10 | -- | 31 | -- | 4 | 56 | 7 | 3 | 15 | 32 | 29 | 22 |
| 20 | 53 | 52 | 31 | 19 | 76 | 30 | 31 | 58 | 61 | 49 | 46 |
| 30 | 89 | 78 | 50 | 34 | 89 | 75 | 55 | 75 | 75 | 79 | 70 |
| Aug. 10 | 97 | 92 | 89 | 80 | 97 | 98 | 87 | 95 | 95 | 97 | 93 |
| 20 | 98 | 96 | 94 | 93 | 99 | 99 | 98 | 99 | 99 | 99 | 97 |

(--) Not asked.

COTTON: APPROXIMATE PERCENT OF STATE ACREAGE WITH OPEN BOLLS BY SPECIFIED DATES,
MISSISSIPPI, 1973-1982

| Date | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|----------|------|------|------|------|------|------|------|------|------|------|------|
| Aug. 20 | 0 | 2 | 0 | 1 | 16 | 6 | 1 | 6 | 26 | -- | 6 |
| 30 | 2 | 6 | 4 | 6 | 49 | 39 | 3 | 49 | 64 | 40 | 26 |
| Sept. 10 | 7 | 20 | 19 | 23 | 80 | 77 | 22 | 80 | 86 | 85 | 50 |
| 20 | 19 | 29 | 41 | 57 | 93 | 87 | 56 | 92 | 92 | 97 | 66 |
| 30 | 42 | 52 | 69 | 81 | 96 | 94 | 89 | 100 | 100 | 100 | 82 |
| Oct. 10 | 64 | 62 | 87 | 91 | 98 | 98 | 93 | 100 | 100 | 100 | 89 |
| 20 | 78 | 72 | 90 | 96 | 99 | 99 | 99 | 100 | 100 | 100 | 93 |
| 30 | 87 | -- | 92 | 98 | 100 | 100 | 100 | 100 | 100 | 100 | 97 |

(--) Not asked.

COTTON: APPROXIMATE PERCENT OF STATE ACREAGE HARVESTED BY SPECIFIED DATES,
MISSISSIPPI, 1973-1982

| Date | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|----------|------|------|------|------|------|------|------|------|------|------|------|
| Sept. 20 | 1 | 1 | 1 | 1 | 14 | 5 | 0 | 3 | 7 | 5 | 4 |
| 30 | 4 | 3 | 2 | 3 | 28 | 20 | 2 | 13 | 32 | 18 | 13 |
| Oct. 10 | 13 | 15 | 6 | 12 | 45 | 47 | 9 | 39 | 61 | 43 | 29 |
| 20 | 26 | 24 | 11 | 38 | 65 | 74 | 26 | 66 | 76 | 57 | 46 |
| 30 | 54 | 46 | 24 | 61 | 80 | 88 | 41 | 84 | 84 | 73 | 64 |
| Nov. 10 | 68 | 65 | 39 | 79 | 88 | 95 | 61 | 93 | 93 | 86 | 77 |
| 20 | 84 | 72 | 61 | 89 | 94 | 99 | 76 | 98 | 97 | 92 | 86 |
| 30 | 89 | 79 | 76 | 96 | 96 | 100 | 88 | 99 | 100 | 94 | 92 |
| Dec. 10 | 95 | 86 | 85 | 98 | 97 | 100 | 95 | 100 | 100 | 95 | 95 |
| 20 | 99 | 89 | 92 | 99 | 99 | 100 | 98 | 100 | 100 | 97 | 97 |

RICE

Rice production declined from 1981 to 1982 with the number of acres harvested decreasing from 337,000 acres and 14,792,000 cwt. in 1981 to 235,000 acres harvested and 9,870,000 cwt. produced in 1982. Cash receipts for 1981 were \$164,254,000. ^{1/}

RICE: APPROXIMATE PERCENT OF STATE ACREAGE IN OR PAST DESIGNATED STAGE, 1982

| Date | Planted | Up To Stand | Headed | Mature | Harvested |
|----------|---------|----------------|--------|--------|-----------|
| Apr. 10 | 9 | | | | |
| 20 | 28 | 8 | | | |
| 30 | 40 | 20 | | | |
| May 10 | 73 | 36 | | | |
| 20 | 92 | 63 | | | |
| 30 | 98 | 82 | | | |
| June 10 | 99 | 94 | | | |
| 20 | | | | | |
| 30 | | | | | |
| July 10 | | | 1 | | |
| 20 | | | 14 | | |
| 30 | | | 30 | | |
| Aug. 10 | | | 60 | | |
| 20 | | | 88 | | |
| 30 | | | 94 | 27 | 5 |
| Sept. 10 | | | 97 | 48 | 13 |
| 20 | | | | 78 | 32 |
| 30 | | | | 94 | 53 |
| Oct. 10 | | | | 98 | 77 |
| 20 | | | | | 84 |
| 30 | | | | | 93 |

^{1/} Cash receipts not yet available for the 1982 crop.

RICE: APPROXIMATE PERCENT OF STATE ACREAGE PLANTED BY SPECIFIED DATES,
MISSISSIPPI, 1973-1982

| Date | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|---------|------|------|------|------|------|------|------|------|------|------|------|
| Apr. 20 | -- | 24 | 7 | 61 | 39 | 63 | 8 | 24 | 59 | 28 | 35 |
| 30 | -- | 73 | 36 | 74 | 75 | 86 | 23 | 48 | 86 | 40 | 60 |
| May 10 | 20 | 89 | 38 | 86 | 86 | 90 | 41 | 76 | 94 | 73 | 69 |
| 20 | 61 | 94 | 48 | 92 | 98 | 95 | 67 | 90 | 96 | 92 | 83 |
| 30 | 90 | 99 | 75 | 98 | 100 | 98 | 87 | 95 | 99 | 98 | 94 |

(--) Not asked.

RICE: APPROXIMATE PERCENT OF STATE ACREAGE HEADED BY SPECIFIED DATES,
MISSISSIPPI, 1978-1982

| Date | 1978 | 1979 | 1980 | 1981 | 1982 | 5 yr Avg. |
|----------|------|------|------|------|------|--------------|
| July 10 | 2 | 1 | 2 | 14 | 1 | 4 |
| 20 | 10 | 6 | 11 | 24 | 14 | 13 |
| 30 | 38 | 18 | 23 | 40 | 30 | 30 |
| Aug. 10 | 50 | 34 | 62 | 57 | 60 | 53 |
| 20 | 73 | 70 | 81 | 79 | 88 | 78 |
| 30 | 95 | 87 | 93 | 96 | 94 | 93 |
| Sept. 10 | -- | 95 | 97 | 99 | 97 | 97 |

(--) Not asked.

RICE: APPROXIMATE PERCENT OF STATE ACREAGE HARVESTED BY SPECIFIED DATES,
MISSISSIPPI, 1973-1982

| Date | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|----------|------|------|------|------|------|------|------|------|------|------|------|
| Aug. 30 | -- | -- | -- | -- | -- | 7 | 4 | 9 | 8 | 5 | 7 |
| Sept. 10 | 1 | 2 | 4 | 3 | 23 | 26 | 12 | 26 | 18 | 13 | 13 |
| 20 | 11 | 13 | 18 | 12 | 44 | 44 | 27 | 49 | 41 | 32 | 29 |
| 30 | 32 | 37 | 43 | 37 | 68 | 63 | 55 | 67 | 68 | 53 | 52 |
| Oct. 10 | 56 | 67 | 56 | 73 | 80 | 87 | 68 | 85 | 83 | 77 | 73 |
| 20 | 80 | 91 | 66 | 90 | 88 | 97 | 83 | 92 | 90 | 84 | 86 |
| 30 | 95 | 99 | 81 | 97 | 95 | 99 | 95 | 96 | 93 | 93 | 94 |

(--) Not asked.

CORN

The 1982 corn production is estimated at 5,580,000 bushels produced from 90,000 acres harvested for grain. In 1981 cash receipts from corn totaled \$1,989,000 ¹/₂ with 115,000 acres harvested for grain producing 6,440,000 bushels.

| CORN: APPROXIMATE PERCENT OF STATE ACREAGE IN OR PAST DESIGNATED STAGE, 1982 | | | | | | |
|--|---------|-------------|--------|-------------|--------|------------|
| Date | Planted | Up To Stand | Silked | Dough Stage | Mature | Har-vested |
| Mar. 10 | 6 | | | | | |
| 20 | 16 | | | | | |
| 30 | 32 | | | | | |
| Apr. 10 | 42 | | | | | |
| 20 | 56 | 36 | | | | |
| 30 | 63 | 45 | | | | |
| May 10 | 83 | 61 | | | | |
| 20 | 92 | 74 | | | | |
| 30 | 98 | 90 | | | | |
| June 10 | 100 | 99 | 17 | | | |
| 20 | | | 34 | | | |
| 30 | | | 61 | 29 | | |
| July 10 | | | 83 | 47 | | |
| 20 | | | | 61 | | |
| 30 | | | | 84 | | |
| Aug. 10 | | | | | 36 | |
| 20 | | | | | 49 | 7 |
| 30 | | | | | 63 | 19 |
| Sept. 10 | | | | | 90 | 32 |
| 20 | | | | | | 59 |
| 30 | | | | | | 73 |
| Oct. 10 | | | | | | 78 |
| 20 | | | | | | 85 |
| 30 | | | | | | 92 |
| Nov. 10 | | | | | | 97 |
| 20 | | | | | | 100 |

¹/₂ Cash receipts not yet available for the 1982 crop.

CORN: APPROXIMATE PERCENT OF STATE ACREAGE PLANTED BY SPECIFIED DATES,
MISSISSIPPI, 1973-1982

| Date | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|---------|------|------|------|------|------|------|------|------|------|------|------|
| Mar. 30 | 2 | -- | 17 | 16 | 18 | 22 | 21 | 11 | 35 | 32 | 19 |
| Apr. 10 | 11 | 21 | 19 | 33 | 27 | 40 | 31 | 20 | 48 | 42 | 29 |
| 20 | 18 | 29 | 24 | 56 | 56 | 63 | 45 | 32 | 67 | 56 | 45 |
| 30 | 24 | 51 | 39 | 74 | 72 | 73 | 53 | 54 | 88 | 63 | 59 |
| May 10 | 34 | 70 | 47 | 88 | 87 | 81 | 67 | 74 | 94 | 83 | 73 |
| 20 | 55 | 84 | 62 | 91 | 94 | 90 | 84 | 93 | 97 | 92 | 84 |
| 30 | 76 | 90 | 81 | 96 | 98 | 96 | 93 | 97 | 99 | 98 | 92 |
| June 10 | 91 | 91 | 93 | 98 | 99 | 98 | 96 | 99 | 100 | 100 | 97 |
| 20 | 96 | 92 | 98 | 99 | 100 | 99 | 98 | 100 | 100 | 100 | 98 |

(--) Not asked.

CORN: APPROXIMATE PERCENT OF STATE ACREAGE SILKED BY SPECIFIED DATES,
MISSISSIPPI, 1973-1982

| Date | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|---------|------|------|------|------|------|------|------|------|------|------|------|
| June 10 | -- | -- | -- | -- | -- | 8 | 14 | 17 | 29 | 17 | 17 |
| 20 | -- | -- | -- | -- | -- | 29 | 33 | 27 | 58 | 34 | 36 |
| 30 | 20 | -- | 29 | 34 | 65 | 60 | 58 | 43 | 75 | 61 | 49 |
| July 10 | 31 | 61 | 48 | 60 | 78 | 88 | 72 | 71 | 87 | 83 | 68 |
| 20 | 53 | 68 | 71 | 83 | 89 | 93 | 87 | 90 | 95 | -- | 81 |
| 30 | 71 | 78 | 77 | 94 | 97 | 97 | 97 | 97 | 100 | -- | 90 |

(--) Not asked.

CORN: APPROXIMATE PERCENT OF STATE ACREAGE HARVESTED BY SPECIFIED DATES,
MISSISSIPPI, 1973-1982

| Date | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|----------|------|------|------|------|------|------|------|------|------|------|------|
| Aug. 30 | 4 | -- | -- | 5 | 11 | 15 | 10 | 18 | 33 | 19 | 14 |
| Sept. 10 | 7 | 17 | 6 | 12 | 26 | 26 | 21 | 36 | 46 | 32 | 23 |
| 20 | 10 | 27 | 16 | 23 | 41 | 51 | 42 | 63 | 67 | 59 | 40 |
| 30 | 26 | 34 | 25 | 41 | 53 | 64 | 50 | 74 | 81 | 73 | 52 |
| Oct. 10 | 36 | 49 | 41 | 59 | 73 | 74 | 66 | 83 | 89 | 78 | 65 |
| 20 | 48 | 63 | 61 | 72 | 81 | 80 | 77 | 91 | 93 | 85 | 75 |
| 30 | 72 | 71 | 76 | 81 | 85 | 89 | 86 | 94 | 95 | 92 | 84 |
| Nov. 10 | 84 | 88 | 83 | 89 | 91 | 96 | 93 | 97 | 99 | 97 | 92 |
| 20 | 90 | 90 | 91 | 95 | 94 | 99 | 97 | 99 | 100 | 100 | 96 |
| 30 | 93 | 94 | 96 | 97 | 96 | 100 | 100 | 100 | 100 | 100 | 98 |
| Dec. 10 | 97 | 96 | 98 | 98 | 97 | 100 | 100 | 100 | 100 | 100 | 99 |

(--) Not asked.

WHEAT

During 1982 1,050,000 acres of winter wheat were harvested with a production of 39,900,000 bushels. There were 600,000 acres of wheat harvested and 24,000,000 bushels of wheat produced during 1981, with cash receipts totaling \$80,275,000. ^{1/}

WHEAT: APPROXIMATE PERCENT OF STATE ACREAGE IN OR PAST DESIGNATED STAGE, 1982

| Date | Jointing | Headed | Ripe | Harvested | Planted ^{2/} |
|----------|----------|--------|------|-----------|-----------------------|
| Mar 10 | 10 | | | | |
| 20 | 26 | | | | |
| 30 | 66 | | | | |
| Apr. 10 | 85 | | | | |
| 20 | | 46 | | | |
| 30 | | 85 | | | |
| May 10 | | 98 | 2 | | |
| 20 | | | 6 | | |
| 30 | | | 53 | 5 | |
| June 10 | | | 95 | 47 | |
| 20 | | | | 85 | |
| 30 | | | | 96 | |
| Sept. 20 | | | | | 3 |
| 30 | | | | | 7 |
| Oct. 10 | | | | | 12 |
| 20 | | | | | 20 |
| 30 | | | | | 30 |
| Nov. 10 | | | | | 53 |
| 20 | | | | | 68 |
| 30 | | | | | 82 |
| Dec. 10 | | | | | 87 |
| 20 | | | | | 95 |

^{1/} Cash receipts not yet available for the 1982 crop.

^{2/} 1983 crop.

WHEAT: APPROXIMATE PERCENT OF STATE ACREAGE PLANTED BY SPECIFIED DATES,
MISSISSIPPI, 1973-1982

| Date | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|----------|------|------|------|------|------|------|------|------|------|------|------|
| Sept. 20 | -- | -- | 13 | 18 | 14 | 18 | 12 | 4 | 8 | 3 | 11 |
| 30 | -- | -- | 28 | 31 | 31 | 33 | 18 | 8 | 17 | 7 | 22 |
| Oct. 10 | -- | 30 | 47 | 49 | 39 | 46 | 31 | 18 | 22 | 12 | 33 |
| 20 | -- | 55 | 64 | 65 | 58 | 53 | 45 | 28 | 28 | 20 | 46 |
| 30 | 67 | 65 | 79 | 78 | 73 | 64 | 60 | 51 | 44 | 30 | 61 |
| Nov. 10 | 82 | 74 | 84 | 90 | 79 | 69 | 78 | 70 | 60 | 53 | 74 |
| 20 | 84 | 90 | 90 | 93 | 93 | 79 | 86 | 86 | 80 | 68 | 85 |
| 30 | -- | -- | -- | -- | -- | 90 | 93 | 91 | 93 | 82 | 90 |
| Dec. 10 | -- | -- | -- | -- | -- | 98 | 97 | 97 | 97 | 87 | 95 |

(--) Not asked.

WHEAT: APPROXIMATE PERCENT OF STATE ACREAGE HARVESTED BY SPECIFIED DATES,
MISSISSIPPI, 1973-1982

| Date | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|---------|------|------|------|------|------|------|------|------|------|------|------|
| May 20 | -- | -- | -- | 2 | 2 | 1 | 1 | 2 | 2 | -- | 2 |
| 30 | -- | 17 | -- | 6 | 26 | 9 | 9 | 4 | 12 | 5 | 11 |
| June 10 | 49 | 35 | 45 | 46 | 82 | 26 | 17 | 36 | 42 | 47 | 43 |
| 20 | 80 | 60 | 72 | 85 | 94 | 70 | 73 | 81 | 83 | 85 | 78 |
| 30 | 95 | 94 | 94 | 95 | 99 | 94 | 95 | 99 | 98 | 96 | 96 |

(--) Not asked.

SORGHUM

There were 150,000 acres of sorghum planted for all purposes in 1982 and of that 115,000 acres were harvested for grain. Production was estimated to be 6,900,000 bushels. Sorghum production for grain was 3,872,000 bushels for 1981. There were 105,000 acres planted for all purposes in 1981 and of that, 88,000 acres were harvested for grain. Cash receipts from sorghum for grain were \$5,129,000 in 1981. ^{1/}

SORGHUM: APPROXIMATE PERCENT OF STATE ACREAGE IN OR PAST DESIGNATED STAGE, 1982

| Date | Planted | Headed | Ripe | Harvested |
|-------|---------|--------|------|-----------|
| May | 10 | 17 | | |
| | 20 | 48 | | |
| | 30 | 64 | | |
| June | 10 | 80 | | |
| | 20 | 88 | | |
| | 30 | 96 | | |
| July | 10 | 22 | | |
| | 20 | 41 | | |
| | 30 | 67 | | |
| Aug. | 10 | 83 | | |
| | 20 | 93 | 22 | |
| | 30 | 98 | 34 | 8 |
| Sept. | 10 | | 81 | 31 |
| | 20 | | 90 | 42 |
| | 30 | | 97 | 59 |
| Oct. | 10 | | | 80 |
| | 20 | | | 93 |
| | 30 | | | 97 |

^{1/} Cash receipts not yet available for the 1982 crop.

SORGHUM: APPROXIMATE PERCENT OF STATE ACREAGE PLANTED BY SPECIFIED DATES,
MISSISSIPPI, 1973-1982

| Date | | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|------|----|------|------|------|------|------|------|------|------|------|------|------|
| Apr. | 30 | -- | 3 | 4 | 8 | 9 | 4 | 4 | 2 | 18 | -- | 7 |
| May | 10 | 8 | 9 | 8 | 26 | 24 | 12 | 14 | 14 | 38 | 17 | 17 |
| | 20 | 16 | 29 | 20 | 49 | 49 | 35 | 29 | 35 | 50 | 48 | 36 |
| | 30 | 41 | 54 | 34 | 63 | 63 | 51 | 55 | 42 | 64 | 64 | 53 |
| June | 10 | 66 | 60 | 57 | 75 | 74 | 65 | 61 | 68 | 77 | 80 | 68 |
| | 20 | 80 | 66 | 72 | 84 | 79 | 79 | 78 | 81 | 88 | 88 | 79 |
| | 30 | 90 | 72 | 90 | 90 | 84 | 88 | 94 | 90 | 93 | 96 | 89 |
| July | 10 | 94 | 85 | 95 | 95 | 92 | 94 | 97 | 97 | 96 | -- | 94 |

(--) Not asked.

SORGHUM: APPROXIMATE PERCENT OF STATE ACREAGE HARVESTED BY SPECIFIED DATES,
MISSISSIPPI, 1973-1982

| Date | | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|-------|----|------|------|------|------|------|------|------|------|------|------|------|
| Aug. | 30 | 4 | 11 | 17 | 21 | 21 | 19 | 8 | 12 | 27 | 8 | 15 |
| Sept. | 10 | 10 | 32 | 20 | 29 | 26 | 29 | 21 | 25 | 40 | 31 | 26 |
| | 20 | 28 | 42 | 34 | 43 | 47 | 42 | 28 | 35 | 57 | 42 | 40 |
| | 30 | 42 | 59 | 43 | 67 | 61 | 70 | 38 | 54 | 75 | 59 | 57 |
| Oct. | 10 | 49 | 61 | 62 | 83 | 75 | 83 | 71 | 68 | 82 | 80 | 71 |
| | 20 | 65 | 83 | 74 | 88 | 83 | 92 | 86 | 89 | 93 | 93 | 85 |
| | 30 | 85 | 87 | 87 | 94 | 90 | 97 | 93 | 94 | 96 | 97 | 92 |
| Nov. | 10 | -- | 90 | 93 | 96 | 95 | 99 | -- | -- | 99 | -- | 95 |

(--) Not asked.

HAY CROPS

In 1982 hay production (all types) totaled 1,575,000 tons from 750,000 acres. Hay production (all types) totaled 1,249,000 tons from 675,000 acres in 1981 with cash receipts of \$7,753,000. ^{1/}

HAY CROPS: APPROXIMATE PERCENT OF STATE ACREAGE HARVESTED BY SPECIFIED DATES, MISSISSIPPI, 1973-1982

| Date | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|----------|------|------|------|------|------|------|------|------|------|------|------|
| May 30 | -- | 14 | -- | 21 | 31 | 22 | 17 | 15 | 23 | 29 | 22 |
| June 10 | 26 | 19 | 19 | 31 | 36 | 29 | 21 | 27 | 29 | 42 | 28 |
| 20 | 36 | 25 | 24 | 34 | 39 | 36 | 32 | 38 | 39 | 46 | 35 |
| 30 | 40 | 28 | 29 | 40 | 45 | 43 | 42 | 43 | 51 | 51 | 41 |
| July 10 | 50 | 33 | 36 | 46 | 48 | 49 | 48 | 53 | 63 | 57 | 48 |
| 20 | 59 | 40 | 45 | 49 | 51 | 56 | 53 | 59 | 71 | 63 | 55 |
| 30 | 63 | 49 | 49 | 59 | 52 | 61 | 55 | 62 | 77 | 71 | 60 |
| Aug. 10 | 68 | 56 | 50 | 68 | 57 | 68 | 61 | 65 | 80 | 77 | 65 |
| 20 | 76 | 62 | 59 | 70 | 63 | 75 | 71 | 73 | 83 | 80 | 71 |
| 30 | 82 | 68 | 64 | 76 | 72 | 79 | 77 | 79 | 86 | 86 | 77 |
| Sept. 10 | 84 | 74 | 75 | 78 | 80 | 84 | 81 | 83 | 88 | 89 | 82 |
| 20 | 89 | 79 | 78 | 86 | 82 | 86 | 84 | 87 | 91 | 92 | 85 |
| 30 | 92 | 83 | 84 | 90 | 85 | 90 | 87 | 92 | 94 | 94 | 89 |
| Oct. 10 | 94 | 87 | 87 | 92 | 90 | 93 | 91 | 94 | 96 | 96 | 92 |
| 20 | 95 | 91 | 90 | 94 | 92 | 96 | 95 | -- | 98 | -- | 94 |
| 30 | 97 | 94 | 94 | 97 | 96 | 98 | 97 | -- | 100 | -- | 97 |

(--) Not asked.

^{1/} Cash receipts not yet available for the 1982 crop.

SWEETPOTATOES

In 1982 5,000 acres harvested produced 500,000 cwt. of sweetpotatoes. In 1981 there were 5,200 acres harvested and 494,000 cwt. produced.

SWEETPOTATOES: APPROXIMATE PERCENT OF STATE ACREAGE PLANTED BY SPECIFIED DATES, MISSISSIPPI, 1973-1982

| Date | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|---------|------|------|------|------|------|------|------|------|------|------|------|
| Apr. 30 | -- | 10 | 7 | 5 | 10 | 9 | 7 | 3 | 19 | 4 | 8 |
| May 10 | 15 | 19 | 12 | 22 | 34 | 22 | 20 | 15 | 48 | 14 | 22 |
| 20 | 34 | 38 | 31 | 43 | 66 | 53 | 36 | 28 | 60 | 31 | 42 |
| 30 | 51 | 57 | 55 | 56 | 75 | 69 | 55 | 44 | 77 | 61 | 60 |
| June 10 | 66 | 63 | 75 | 69 | 87 | 75 | 72 | 64 | 89 | 77 | 74 |
| 20 | 76 | 75 | 83 | 81 | 90 | 89 | 86 | 85 | 99 | 87 | 85 |
| 30 | 86 | 81 | 92 | 86 | 93 | 96 | 97 | 97 | 100 | 91 | 92 |

(--) Not asked.

SWEETPOTATOES: APPROXIMATE PERCENT OF STATE ACREAGE HARVESTED BY SPECIFIED DATES, MISSISSIPPI, 1973-1982

| Date | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|----------|------|------|------|------|------|------|------|------|------|------|------|
| Aug. 10 | 9 | 7 | 9 | 0 | 8 | 6 | 2 | 3 | 6 | 6 | 6 |
| 20 | 15 | 18 | 30 | 4 | 13 | 16 | 7 | 5 | 7 | 9 | 12 |
| 30 | 22 | 22 | 39 | 14 | 18 | 28 | 13 | 10 | 10 | 13 | 19 |
| Sept. 10 | 24 | 31 | 41 | 20 | 29 | 34 | 22 | 19 | 16 | 23 | 26 |
| 20 | 28 | 40 | 43 | 28 | 34 | 37 | 26 | 27 | 31 | 32 | 33 |
| 30 | 39 | 42 | 46 | 46 | 45 | 44 | 41 | 39 | 54 | 45 | 44 |
| Oct. 10 | 52 | 60 | 60 | 62 | 57 | 58 | 52 | 49 | 63 | 60 | 57 |
| 20 | 62 | 82 | 74 | 78 | 71 | 75 | 77 | 62 | 73 | 72 | 73 |
| 30 | 79 | 89 | 88 | 93 | 86 | 87 | 85 | 81 | 86 | 85 | 86 |

PEANUTS

PEANUTS: APPROXIMATE PERCENT OF STATE ACREAGE HARVESTED BY SPECIFIED DATES,
MISSISSIPPI, 1973-1982

| Date | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|----------|------|------|------|------|------|------|------|------|------|------|------|
| Aug. 30 | -- | 34 | 37 | 21 | 28 | 24 | 12 | 11 | 12 | 18 | 22 |
| Sept. 10 | 8 | 44 | 40 | 35 | 32 | 28 | 20 | 32 | 24 | 26 | 29 |
| 20 | 17 | 47 | 49 | 46 | 49 | 34 | 44 | 49 | 44 | 37 | 42 |
| 30 | 34 | 62 | 61 | 64 | 68 | 50 | 58 | 69 | 70 | 55 | 59 |
| Oct. 10 | 63 | 75 | 75 | 77 | 88 | 78 | 68 | 81 | 86 | 70 | 76 |
| 20 | 82 | 84 | 87 | 89 | 93 | 92 | 77 | 85 | 90 | 81 | 86 |
| 30 | 89 | 90 | -- | 95 | 97 | 97 | 93 | 93 | 97 | 92 | 94 |

(--) Not asked.

PECANS

Pecan production declined from 8,500,000 pounds in 1981 to 5,000,000 pounds in 1982.

PECANS: APPROXIMATE PERCENT OF STATE CROP HARVESTED BY SPECIFIED DATES,
MISSISSIPPI, 1973-1982

| Date | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|---------|------|------|------|------|------|------|------|------|------|------|------|
| Oct. 30 | -- | 31 | 25 | 21 | 33 | 17 | 13 | 22 | 24 | 31 | 24 |
| Nov. 10 | 35 | 41 | 41 | 36 | 54 | 43 | 32 | 32 | 43 | 47 | 40 |
| 20 | 57 | 55 | 56 | 55 | 68 | 56 | 55 | 56 | 57 | 58 | 57 |
| 30 | 68 | 65 | 75 | 76 | 78 | 68 | 75 | 69 | 72 | 78 | 72 |
| Dec. 10 | 79 | 84 | 85 | 91 | 87 | 76 | 85 | 83 | 87 | 85 | 84 |
| 20 | 88 | 92 | 91 | 97 | 94 | 88 | 88 | 87 | 94 | 92 | 91 |
| 30 | 96 | 95 | 96 | 99 | 96 | -- | -- | -- | 100 | -- | 97 |

(--) Not asked.

PEACHES

Peach production was 3,000,000 pounds in 1981 and 3,500,000 pounds in 1982.

PEACHES: APPROXIMATE PERCENT OF STATE CROP HARVESTED BY SPECIFIED DATES,
MISSISSIPPI, 1973-1982

| Date | | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|------|----|------|------|------|------|------|------|------|------|------|------|------|
| June | 10 | 15 | -- | 11 | 14 | 14 | 4 | 6 | 16 | 12 | 12 | 12 |
| | 20 | 29 | 33 | 19 | 23 | 30 | 12 | 12 | 20 | 20 | 22 | 22 |
| | 30 | 48 | 66 | 36 | 39 | 53 | 27 | 27 | 31 | 33 | 33 | 39 |
| July | 10 | 68 | 73 | 58 | 60 | 60 | 39 | 45 | 44 | 48 | 54 | 55 |
| | 20 | 79 | 85 | 73 | 76 | 77 | 56 | 55 | 52 | 56 | 64 | 67 |
| | 30 | 87 | 93 | 84 | 85 | 84 | 74 | 74 | 73 | 72 | 77 | 80 |
| Aug. | 10 | 95 | -- | -- | 96 | 94 | 86 | 89 | 81 | 86 | 89 | 90 |
| | 20 | 99 | -- | -- | 99 | 97 | 91 | 96 | 94 | 91 | 94 | 95 |

(--) Not asked.

WATERMELONS

WATERMELONS: APPROXIMATE PERCENT OF STATE CROP HARVESTED BY SPECIFIED DATES,
MISSISSIPPI, 1973-1982

| Date | | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | Avg. |
|------|----|------|------|------|------|------|------|------|------|------|------|------|
| July | 10 | -- | -- | -- | 22 | 22 | 19 | 29 | 22 | 48 | 34 | 28 |
| | 20 | 43 | 45 | 33 | 42 | 44 | 41 | 51 | 41 | 61 | 53 | 45 |
| | 30 | 61 | 62 | 56 | 67 | 64 | 68 | 74 | 58 | 75 | 78 | 66 |
| Aug. | 10 | 63 | 76 | 73 | 87 | 80 | 84 | 85 | 88 | 86 | 87 | 81 |
| | 20 | 82 | -- | 89 | 91 | 88 | 90 | 94 | 93 | 94 | 90 | 90 |

(--) Not asked.

